WHAT IS CLAIMED IS:

1. A seat structure including a back frame and a cushion frame comprising:

a flat-type supporting member for the seat back supported by said back frame;

a tension adjusting mechanism for adjusting a tension of said flat-type supporting member for the seat back; and

a flat-type supporting member for the seat cushion elastically supported by said cushion frame separately from said flat-type supporting member for the seat back.

2. The seat structure according to claim 1, wherein said tension adjusting mechanism comprising:

a torsion bar disposed in the vicinity of a bottom end of said back frame along the width direction of the back frame; and

a pelvis supporting plate composed of a plate member having predetermined width and length, connectedly disposed with said torsion bar, positioned in the rear of the pelvis of a seated person, and enforced in a direction pushed forward in a normal state,

said flat-type supporting member for the seat back is engaged with the vicinity of a bottom end of said pelvis supporting plate at the bottom end thereof, and strained vertically on said back frame by an elastic force of said torsion bar.

3. The seat structure according to claim 2, wherein said torsion bar is connected to the vicinity of the bottom end of said pelvis supporting plate.

4. The seat structure according to claim 2, wherein said pelvis supporting plate is formed in a curved shape protruding backward at nearly central portion thereof in the

width direction.

5. The seat structure according to claim 2, wherein at least a portion of said pelvis supporting plate is formed of synthetic resin, a three-dimensional net member, a two-dimensional net member, or rubber.

6. The seat structure according to claim 1, wherein coil springs are provided between respective side portions corresponding to the waist portion of a seated person on said flat-type supporting member for the seat back and respective side frames forming said back frame to pull the respective side portions corresponding to the waist portion toward respective side frames.

7. The seat structure according to claim 1, wherein a fabric spring is connected to an upper end of said flat-type supporting member for the seat back and hung on the upper frame forming said back frame and the end portion of the fabric spring is fixed to the flat-type supporting member for the seat back on the back face side.

8. The seat structure according to claim 1, wherein said flat-type supporting member for the seat cushion is engaged with a front frame forming said cushion frame at the front end portion thereof, and elastically supported by a rear frame forming said cushion frame via spring members at the rear end portion thereof, and the spring members act as a tension adjusting mechanism of the flat-type supporting member for the seat cushion.

9. The seat structure according to claim 8, wherein said spring member is a coil

spring or a torsion bar connected to a rear end portion of said flat-type supporting member for the seat cushion and supported by a rear frame forming said cushion frame.

10. The seat structure according to claim 8, wherein a first band member for the seat cushion is provided in layers at nearly central portion from front to back along the width direction on the back face of said flat-type supporting member for the seat cushion, and connected to the vicinity of one side portion of the flat-type supporting member for the seat cushion at one end, and engaged with a side frame corresponding to the other side portion of the flat-type supporting member for the seat cushion at the other end.

11. The seat structure according to claim 8, wherein a second band member for the seat cushion is provided in layers in the vicinity of one side portion of said flat-type supporting member for the seat cushion in the direction from front to back, and connected to the vicinity of the front portion of the flat-type supporting member for the seat cushion at least at one end and engaged with the rear frame at the other end, so that a setting height of the flat-type supporting member for the seat cushion is maintained at a predetermined height.

12. The seat structure according to claim 11, wherein the setting height of one side portion of said flat-type supporting member for the seat cushion is higher than that of one side frame corresponding to the one side portion of the flat-type supporting member for the seat cushion, owing to being supported by said second band member for the seat cushion.

13. The seat structure according to claim 10, wherein a second band member for the

seat cushion is provided in layers in the vicinity of one side portion of said flat-type supporting member for the seat cushion in the direction from front to back, and connected to the vicinity of the front portion of the flat-type supporting member for the seat cushion at least at one end and engaged with the rear frame at the other end, so that a setting height of the flat-type supporting member for the seat cushion is maintained at a predetermined height.

14. The seat structure according to claim 13, wherein the setting height of one side portion of said flat-type supporting member for the seat cushion is higher than that of one side frame corresponding to the one side portion of the flat-type supporting member for the seat cushion, owing to being supported by said second band member for the seat cushion.

15. The seat structure according to claim 2, wherein a band member for the seat back to enhance a feeling of support in the vicinity of the body side is disposed on the back face side of said flat-type supporting member for the seat back without being joined to the flat-type supporting member for the seat back.

16. The seat structure according to claim 15, wherein said band member for the seat back is composed including a vertical band member provided along the body side, being connected to the upper frame of the back frame at the upper end and to said pelvis supporting plate at the bottom end respectively.

17. The seat structure according to claim 16, wherein said band member for the seat back further includes a lateral band member connected to the side frame of the back frame

along the width direction in the vicinity corresponding to the waist portion.

18. The seat structure according to claim 1, wherein said flat-type supporting member for the seat back and the flat-type supporting member for the seat cushion are composed of a two-dimensional net member or a three-dimensional net member.